

RepairCare

a publication for automotive repair technicians in the
Maryland Vehicle Emission Inspection Program

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ASE Test Study Guides & Reference Book

MDE is offering, free of charge, a limited number of study guides for Automotive Service Excellence (ASE) certification exams to CERF employees planning to take ASE initial certification or recertification exams.

Published by Motor Age Training, the set of three study guides covers the ASE A-6 Electrical / Electronic Systems, A-8 Engine Performance, and L-1 Advanced Engine Performance certification exams.

Please send requests for the study guides to katharine.daristotle@maryland.gov or call (410) 537-4495.

Also, the reference book Emission Control Systems Application is available for MCETs from the MDE Inspectors. If you have not received a copy and would like to, contact your CERF's inspector or contact Kathy Daristotle (at the email address and phone number shown above).



Coverage

1974 to the present for domestic & imported cars, light trucks, vans, SUVs, medium & heavy duty trucks.

Contents

- EGR functional test procedures
- Ignition timing adjustment connector & specifications
- Visual inspection procedures
- Lamp reset procedure
- Federal & state air quality standards
- Emission system application charts
- MIL light information
- Charcoal canister locations
- Data link connector & locations
- Accessing & clearing trouble codes
- List whether a vehicle is FWD, RWD, 4WD, or AWD

Did You Know.....

.....All Hybrid Vehicles Require VEIP Testing

All hybrid vehicles are required to be inspected according to the normal two-year VEIP test cycle.

The previous exemption for *qualified* hybrid vehicles was eliminated by the Maryland legislature on October 1, 2012.

The exemption was replaced by an additional year of delay in testing of new qualified hybrids, so that these vehicles have the first VEIP test three years after the model year of the vehicle, instead of the standard two year delay.

A qualified hybrid vehicle is defined as obtaining a rating from the U.S. Environmental Protection Agency (EPA) of at least 50 miles per gallon during city fuel economy tests. For a listing of hybrid electric vehicles and their EPA fuel economy ratings go to <http://www.mva.maryland.gov/MVAPrograms/VEIP/veiphybrid.htm>.

Tell Your Customers to check out MVA's website at www.mva.maryland.gov for:

- ✓ VEIP station queue cameras that show the line and current wait time (updated every five minutes) at the VEIP station that they select;
- ✓ a vehicle's last test result which could be useful to prospective used car buyers and repair technicians looking for VEIP test info. to aid in repair;
- ✓ VEIP test extension requests if more time is needed before a VEIP due date (title and license plate number required for processing).